

## EAST Search History

| Ref # | Hits    | Search Query   | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|------------------------------------|------------------|---------|------------------|
| L1    | 15027   | \$6capsul\$2 with shell  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/07/10 07:58 |
| L2    | 16456   | \$6capsul\$2 same shell  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/07/10 07:58 |
| L3    | 2377    | \$6capsul\$2 same shell same particle  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/07/10 07:59 |
| L4    | 673     | \$6capsul\$2 same shell same (polymer\$2 or copolymer\$2 or organic) with particle   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/07/10 08:00 |
| L5    | 258     | \$6capsul\$2 same shell same (polymer\$2 or copolymer\$2 or organic) near2 particle  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/07/10 08:00 |
| L6    | 115     | \$6capsul\$2 same shell with (polymer\$2 or copolymer\$2 or organic) near2 particle  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/07/10 08:00 |
| L7    | 71      | \$6capsul\$2 same shell with (polymer\$2 or copolymer\$2 or organic) near1 particle  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/07/10 08:03 |
| L8    | 50      | \$6capsul\$2 same shell with (polymer\$2 or copolymer\$2 or organic) near2 particle and particle same (micron or micrometer)           | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/07/10 08:21 |
| L9    | 5716    | \$6capsul\$2 and shell with (structure or composition)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/07/10 08:27 |
| L10   | 5054146 | I9 and shell same (polymer\$2 or copolymer\$2 or organic) near2 partic\$6 same micron or micrometer or (size or dimension or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/07/10 08:20 |
| L11   | 138     | I9 and shell same (polymer\$2 or copolymer\$2 or organic) near2 partic\$6 same (micron or micrometer or size or dimension or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/07/10 08:21 |
| L12   | 57      | I9 and shell same (polymer\$2 or copolymer\$2 or organic) near2 partic\$6 same (micron or micrometer)                                  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/07/10 08:28 |
| L13   | 50      | I12 not I8   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/07/10 08:21 |
| L14   | 9075    | \$6capsul\$6 and shell with (structure or composition)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/07/10 08:27 |

## EAST Search History

|     |       |  |                                    |    |    |                  |
|-----|-------|--|------------------------------------|----|----|------------------|
| L15 | 34557 | \$6capsul\$6 and (shell o encapsulant) with (structure or composition)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:27 |
| L16 | 12089 | \$6capsul\$6 and (shell or encapsulant) with (structure or composition)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:31 |
| L17 | 24    | I6 and (shell or encapsul\$4) same (polymer\$2 or copolymer\$2 or organic) near2 partic\$6 same (micron or micrometer)             | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:32 |
| L18 | 12182 | \$8capsul\$6 and (shell or encapsulant) with (structure or composition)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:31 |
| L19 | 11668 | \$8capsul\$6 and (shell or \$6encapsulant) with (structure or composition)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:31 |
| L20 | 53146 | \$8capsul\$6 and (shell or \$6encapsula\$4) with (structure or composition)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:45 |
| L21 | 25    | I6 and (shell or \$8encapsul\$6) same (polymer\$2 or copolymer\$2 or organic) near2 partic\$6 same (micron or micrometer)          | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:32 |
| L22 | 260   | I20 and (shell or \$8encapsul\$6) same (polymer\$2 or copolymer\$2 or organic) near2 partic\$6 same (micron or micrometer)         | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:33 |
| L23 | 550   | I20 and (shell or \$8encapsul\$6) same (polymer\$2 or copolymer\$2 or organic) near2 partic\$6 same (micron or micrometer or \$2m) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:33 |
| L24 | 244   | I20 and (shell or \$8encapsul\$6) same (polymer\$2 or copolymer\$2 or organic) near2 partic\$6 with (micron or micrometer or \$2m) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 10:22 |
| L25 | 97    | I24 not (I8 or I13 or I18)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:38 |
| L26 | 207   | I24 not (I8 or I13 or I21)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:38 |
| L27 | 203   | I24 not (I8 or I13 or I21 or I7)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 09:13 |
| L28 | 12    | I26 and (polymer\$2 or copolymer\$2 or organic) near2 partic\$6 with filler  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:40 |
| L29 | 1485  | \$8capsul\$6 and (shell or \$6encapsulant) with filler   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:46 |

## EAST Search History

|     |      |   |                                    |    |    |                  |
|-----|------|---|------------------------------------|----|----|------------------|
| L30 | 765  | \$8capsul\$6 and (shell or \$6encapsulant) with filler and filler same (organic or polymer\$2 or copolymer\$2)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:46 |
| L31 | 624  | \$8capsul\$6 and (shell or \$6encapsulant) with filler and filler with (organic or polymer\$2 or copolymer\$2)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:46 |
| L32 | 0    | \$8capsul\$6 and (shell or \$6encapsulant) with filler and filler same (organic or polymer\$2 or copolymer\$2) same particle near (size or diameter or dimension) with (micron or micrometer or \$2m) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 08:49 |
| L33 | 0    | \$8capsul\$6 and (shell or \$6encapsulant) same (organic or polymer\$2 or copolymer\$2) same particle near (size or diameter or dimension) with (micron or micrometer or \$2m)                        | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 09:02 |
| L34 | 674  | \$8capsul\$6 and (shell or \$6encapsulant) same (organic or polymer\$2 or copolymer\$2) same particle near (size or diameter or dimension) with (micron or micrometer or \$2m)                        | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 09:09 |
| L35 | 307  | \$8capsul\$6 and (shell or \$6encapsulant) same (organic or polymer\$2 or copolymer\$2) with particle near (size or diameter or dimension) with (micron or micrometer or \$2m)                        | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 09:09 |
| L36 | 269  | I35 not (I8 or I13 or I21 or I7)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 09:13 |
| L37 | 210  | I36 not I27   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 10:21 |
| L38 | 2202 | 428/402..ccls. or 428/402.21.ccls or 359/296.ccls. or 264/4.1.ccls. or 264/4.3.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 10:22 |
| L39 | 5240 | 428/402.ccls. or 428/402.21.ccls. or 359/296.ccls. or 264/4.1.ccls. or 264/4.3.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 10:22 |
| L40 | 424  | (428/402.ccls. or 428/402.21.ccls. or 359/296.ccls. or 264/4.1.ccls. or 264/4.3.ccls.) and I1   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 10:22 |
| L41 | 14   | I40 and (shell or \$8encapsul\$6) same (polymer\$2 or copolymer\$2 or organic) near2 partic\$6 with (micron or micrometer or \$2m)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/10 10:22 |
| S1  | 485  | hideyuki near kawai.in. or kazuhiro near anan.in. or makoto near matsumoto.in.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 12:54 |
| S2  | 45   | (hideyuki near kawai.in. or kazuhiro near anan.in. or makoto near matsumoto.in.) and \$capsule  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 12:55 |
| S3  | 42   | (hideyuki near kawai.in. or kazuhiro near anan.in. or makoto near matsumoto.in.) and \$capsule and electrophore\$5  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:00 |

## EAST Search History

|     |      |  |                                    |    |    |                  |
|-----|------|--|------------------------------------|----|----|------------------|
| S4  | 45   | (hideyuki near kawai.in. or kazuhiro near anan.in. or makoto near matsumoto.in.) and \$capsule   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 16:21 |
| S5  | 3    | S4 not S3  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:01 |
| S6  | 5071 | microcapsule same partic\$6 same (diameter or size or dimension)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:02 |
| S7  | 1649 | microcapsule same partic\$6 same (diameter or size or dimension) same (micrometer or micron)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:02 |
| S8  | 684  | microcapsule same partic\$6 same (diameter or size or dimension) same (micrometer or micron) same (liquid or solvent or medium or carrier)                                     | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:03 |
| S9  | 103  | microcapsule same partic\$6 same (diameter or size or dimension) same (micrometer or micron) same (liquid or solvent or medium or carrier) and electrophore\$6                 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:09 |
| S10 | 3    | microcapsule same polymer\$3 near partic\$6 same (diameter or size or dimension) same (micrometer or micron) same (liquid or solvent or medium or carrier) and electrophore\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:10 |
| S11 | 15   | microcapsule same polymer\$3 near partic\$6 same (diameter or size or dimension) same (micrometer or micron) same (liquid or solvent or medium or carrier)                     | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:35 |
| S12 | 2    | "9021061"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:16 |
| S13 | 6978 | encapsulat\$5 same polymer\$2 with (dispersion or partic\$6)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:19 |
| S14 | 811  | encapsulat\$5 same polymer\$2 with (dispersion or partic\$6) same (micron or micrometer)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:17 |
| S15 | 289  | S13 same (diameter or size or dimension) same (micrometer or micron) same (liquid or solvent or medium or carrier)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:18 |
| S16 | 360  | S13 same (diameter or size or dimension) same (micrometer or micron) same (liquid or solvent or medium or carrier or water)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:18 |
| S17 | 389  | S6 and electrophores\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:18 |
| S18 | 536  | S6 and electrophore\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:18 |

## EAST Search History

|     |       |  |                                    |    |    |                  |
|-----|-------|--|------------------------------------|----|----|------------------|
| S19 | 1273  | (encapsulat\$5 same polymer\$2 with (dispersion or partic\$6)).ab.   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:19 |
| S20 | 655   | (encapsulat\$5 same polymer\$2 with (dispersion or partic\$6)).clm.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:19 |
| S21 | 207   | (encapsulat\$5 same polymer\$2 with (dispersion or partic\$6)).ti.   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:20 |
| S22 | 13    | S18 and (S19 or S20 or S21)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:22 |
| S23 | 107   | S16 and (S19 or S20 or S21)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:24 |
| S24 | 62493 | (microcapsule or capsule) same polymer\$2 naer3 micropartic\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:25 |
| S25 | 483   | (microcapsule or capsule) same polymer\$2 near3 micropartic\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:25 |
| S26 | 2195  | (microcapsule or capsule or encapsulat\$4) same micropartic\$6 same (solvent or medium or water or oil)                        | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:26 |
| S27 | 2197  | ((microcapsule or capsule or encapsulat\$4) same micropartic\$6 same (solvent or medium or water or oil))"ab."                 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:26 |
| S28 | 186   | ((microcapsule or capsule or encapsulat\$4) same micropartic\$6 same (solvent or medium or water or oil)).ab.                  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:34 |
| S29 | 79    | ((microcapsule or capsule or encapsulat\$4) same micropartic\$6 same (solvent or medium or water or oil)).clm.                 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:35 |
| S30 | 255   | S28 or S29   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:35 |
| S31 | 4     | S29 same (diameter or size or dimension) same (micrometer or micron)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:36 |
| S32 | 1588  | microcapsule same particle same (diameter or size or dimension) same (micrometer or micron)                                    | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:36 |
| S33 | 556   | microcapsule same particle same (diameter or size or dimension) same (micrometer or micron) same (liqiuid or water or solvent) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:38 |

## EAST Search History

|     |       |  |                                    |    |    |                  |
|-----|-------|--|------------------------------------|----|----|------------------|
| S34 | 575   | (microcapsule same partic\$6 same (diameter or size or dimension) same (micrometer or micron) same (liquid or water or solvent))                                 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:39 |
| S35 | 16    | (microcapsule same nanopartic\$6 same (diameter or size or dimension) same (micrometer or micron) same (liquid or water or solvent))                             | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:41 |
| S36 | 1175  | (microcapsule same \$5partic\$6 same (diameter or size or dimension) same (micrometer or micron or \$2m) same (liquid or water or solvent))                      | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:42 |
| S37 | 898   | (microcapsule same \$5partic\$6 same (diameter or size or dimension) with (micrometer or micron or \$2m) same (liquid or water or solvent))                      | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 13:42 |
| S38 | 44805 | (microcapsule or capsule same \$5partic\$6 same (diameter or size or dimension) with (micrometer or micron or \$2m) same (liquid or water or solvent))           | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 14:00 |
| S39 | 993   | ((microcapsule or capsule) same (liquid or water or solvent)) same \$5partic\$6 near3 (diameter or size or dimension) near5 (micrometer or micron or \$2m)       | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 14:03 |
| S40 | 436   | ((microcapsule or capsule) same (liquid or water or solvent)) same \$5partic\$6 near3 (diameter or size or dimension) near5 (micrometer or micron or \$2m)).ab.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 14:19 |
| S41 | 46    | ((microcapsule or capsule) same (liquid or water or solvent)) same \$5partic\$6 near3 (diameter or size or dimension) near5 (micrometer or micron or \$2m)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 14:18 |
| S42 | 363   | microcapsule same shell same liquid same partic\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 14:19 |
| S43 | 42    | S42 same \$5partic\$6 near3 (diameter or size or dimension) near5 (micrometer or micron or \$2m)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 14:38 |
| S44 | 3543  | microcapsule same shell  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:12 |
| S45 | 1095  | microcapsule same shell same particle  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 14:51 |
| S46 | 4340  | shell same \$5partic\$6 near3 (diameter or size or dimension) near5 (micrometer or micron or \$2m)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:01 |
| S47 | 302   | S44 and S46  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 14:50 |
| S48 | 56    | S47 and shell adj (composition or structure)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:01 |

## EAST Search History

|     |      |   |                                    |    |    |                  |
|-----|------|---|------------------------------------|----|----|------------------|
| S49 | 2041 | microcapsule same shell same (liquid or solvent or medium or water)                 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 14:53 |
| S50 | 39   | S48 and S49   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 14:54 |
| S51 | 2118 | microcapsule same shell same (liquid or solvent or medium or water or oil)          | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:03 |
| S52 | 39   | S48 and S51   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 14:54 |
| S53 | 168  | S51 and shell adj (composition or structure)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:01 |
| S54 | 649  | S51 and shell with (composition or structure)                                       | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:01 |
| S55 | 238  | S54 and shell same \$5partic\$6 near3 (diameter or size or dimension)               | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:03 |
| S56 | 198  | (microcapsule same shell same (liquid or solvent or medium or water or oil)).clm.   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:03 |
| S57 | 736  | (microcapsule same shell same (liquid or solvent or medium or water or oil)).ab.    | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:03 |
| S58 | 91   | (microcapsule same shell same (liquid or solvent or medium or water or oil)).ti.    | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:03 |
| S59 | 887  | S56 or S57 or S58   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:03 |
| S60 | 70   | S55 and S59   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:04 |
| S61 | 49   | microcapsule same (shell or encapsulant) with filler                                | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:20 |
| S62 | 351  | microencapsul\$8 same (shell or encapsulant) with (filler or partic\$6)             | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:21 |
| S63 | 99   | microencapsul\$8 same liquid same (shell or encapsulant) with (filler or partic\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 15:28 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S64 | 94     | S63 not S61  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 15:21 |
| S65 | 2554   | (shell or encapsula\$6) with (polymer\$2 or copolymer\$2 or resin\$3) with partic\$6 near2 (size or diameter or dimension)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 15:30 |
| S66 | 2558   | (shell or encapsul\$6) with (polymer\$2 or copolymer\$2 or resin\$3) with partic\$6 near2 (size or diameter or dimension)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 15:31 |
| S67 | 102687 | (capsule or microcpasule or microencapsul\$6 or encapsulat\$6) same liquid   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 15:32 |
| S68 | 8960   | (capsule or microcpasule or microencapsul\$6 or encapsulat\$6) same (liquid or solvent or water or oil) same (shell or encapsulant)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 16:11 |
| S69 | 270    | S66 and S68  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 15:33 |
| S70 | 250    | S69 not (S60 or S64)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 15:33 |
| S71 | 246    | S70 not S29  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 15:33 |
| S72 | 237    | S71 not S52  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 15:34 |
| S73 | 236    | S72 not S30  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 15:34 |
| S74 | 210    | S73 not (S23 or S21)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 15:34 |
| S75 | 890    | (capsule or microcpasule or microencapsul\$6 or encapsulat\$6) same (liquid or solvent or water or oil) same (shell or encapsulant) and sheet and binder     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 16:11 |
| S76 | 31     | (capsule or microcpasule or microencapsul\$6 or encapsulat\$6) same (liquid or solvent or water or oil) same (shell or encapsulant) same sheet same binder   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 16:14 |
| S77 | 477    | (capsule or microcpasule or microencapsul\$6 or encapsulat\$6) same (liquid or solvent or water or oil) same (shell or encapsulant) same binder              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 16:14 |
| S78 | 26     | (capsule or microcpasule or microencapsul\$6 or encapsulat\$6) same (liquid or solvent or water or oil) same (shell or encapsulant) same binder same acrylic | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/30 16:16 |

## EAST Search History

|     |       |  |                                    |    |    |                  |
|-----|-------|--|------------------------------------|----|----|------------------|
| S79 | 1868  | (capsule or microcapsule or microencapsul\$6 or encapsulat\$6) same (liquid or solvent or water or oil) same (shell or encapsulant) same (sheet or layer or film or coating)                           | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 16:17 |
| S80 | 8     | (capsule or microcapsule or microencapsul\$6 or encapsulat\$6) same (liquid or solvent or water or oil) same (shell or encapsulant) same (sheet or layer or film or coating) same acrylic with binder  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 16:18 |
| S81 | 5     | (capsule or microcapsule or microencapsul\$6 or encapsulat\$6) same (liquid or solvent or water or oil) same (shell or encapsulant) same (sheet or layer or film or coating) same sheet same polyester | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 16:19 |
| S82 | 5     | (capsule or microcapsule or microencapsul\$6 or encapsulat\$6) same (liquid or solvent or water or oil) same (shell or encapsulant) same (sheet or layer or film or coating) same sheet same polyester | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 16:19 |
| S83 | 6     | (capsule or microcapsule or microencapsul\$6 or encapsulat\$6) and electrophor\$6 and polyester and sheet and acrylic adj binder   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 16:20 |
| S84 | 9     | (capsule or microcapsule or microencapsul\$6 or encapsulat\$6) and electrophor\$6 and polyester and acrylic adj binder   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 16:20 |
| S85 | 12    | (hideyuki near kawai.in. or kazuhiro near anan.in. or makoto near matsumoto.in.) and \$capsule and base adj material   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 16:21 |
| S86 | 12    | (hideyuki near kawai.in. or kazuhiro near anan.in. or makoto near matsumoto.in.) and \$capsule and base adj material and sheet   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 16:22 |
| S87 | 0     | (hideyuki near kawai.in. or kazuhiro near anan.in. or makoto near matsumoto.in.) and \$capsule and base adj material same polyester and sheet  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 16:21 |
| S88 | 10    | (hideyuki near kawai.in. or kazuhiro near anan.in. or makoto near matsumoto.in.) and \$capsule and base adj material and sheet and acrylic with binder   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 16:23 |
| S89 | 13    | electrophore\$6 same \$capsule and base adj material and sheet and acrylic with binder   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 16:23 |
| S90 | 10    | electrophore\$6 same \$capsule and base adj material same polyester  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/30 16:24 |
| S91 | 10034 | (microcapsule or micro adj capsule or \$capsule) with shell  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 12:41 |
| S92 | 730   | S91 and shell with partic\$6 same (size or diameter or dimension)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 10:20 |
| S93 | 542   | S91 and shell with partic\$6 with (size or diameter or dimension)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 12:34 |

## EAST Search History

|      |      |   |                                    |    |    |                  |
|------|------|---|------------------------------------|----|----|------------------|
| S94  | 56   | S91 and shell with partic\$6 with (size or diameter or dimension) with (filler or silica or inorganic or organic) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 12:12 |
| S95  | 144  | S91 and shell with partic\$6 with (size or diameter or dimension) with (polymer\$2 or organic)                    | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 12:12 |
| S96  | 107  | S95 not S94   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 12:13 |
| S97  | 49   | S95 not S94 and binder  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 12:25 |
| S98  | 58   | S95 not (S94 or S97)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 12:33 |
| S99  | 734  | 359/296.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 12:33 |
| S100 | 83   | S99 and S91   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 12:33 |
| S101 | 11   | S100 and shell with partic\$6 with (size or diameter or dimension)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 12:41 |
| S102 | 1038 | (microcapsule or micro adj capsule or \$capsule) with shell and electrophore\$4                                   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 12:41 |
| S103 | 69   | (microcapsule or micro adj capsule or \$capsule) with shell same electrophore\$4                                  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 14:57 |
| S104 | 1083 | (microcapsule or micro adj capsule or \$capsule) same electrophore\$4   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 12:41 |
| S105 | 3    | "6922276" and wall  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 14:10 |
| S106 | 9    | "5620796"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 15:00 |
| S107 | 2    | "59179676"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 15:05 |
| S108 | 1059 | yoshikawa near takao.in. or shibata near yukari.in. or yamada near shinji.in. or yoshikawa near shinji.in.        | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/08 15:06 |

## EAST Search History

|          |         |   |   |    |    |                  |
|----------|---------|---|---|----|----|------------------|
| S10<br>9 | 186     | (yoshikawa near takao.in. or shibata near yukari.in. or yamada near shinji.in. or yoshikawa near shinji.in.) and adhesive   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:06 |
| S11<br>0 | 648355  | (yoshikawa near takao.in. or shibata near yukari.in. or yamada near shinji.in. or yoshikawa near shinji.in.) and adhesive nnaer3 tape   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:06 |
| S11<br>1 | 42      | (yoshikawa near takao.in. or shibata near yukari.in. or yamada near shinji.in. or yoshikawa near shinji.in.) and adhesive near3 tape  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:07 |
| S11<br>2 | 7       | (yoshikawa near takao.in. or shibata near yukari.in. or yamada near shinji.in. or yoshikawa near shinji.in.) and adhesive and azirid\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:16 |
| S11<br>3 | 14      | "5032628"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:21 |
| S11<br>4 | 1684    | surface adj (crosslink\$3 or cross adj link\$3) and (hydrogel or absorb\$6 superabsorb\$6 or polyacrylic adj acid)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:23 |
| S11<br>5 | 785     | surface adj (crosslink\$3 or cross adj link\$3) same (hydrogel or absorb\$6 superabsorb\$6 or polyacrylic adj acid)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:23 |
| S11<br>6 | 298     | surface adj (crosslink\$3 or cross adj link\$3) and (hydrogel or absorb\$6 superabsorb\$6 or polyacrylic adj acid) and thermoplastic adj (\$2polymer\$2 or resin)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:23 |
| S11<br>7 | 101     | surface adj (crosslink\$3 or cross adj link\$3) and (hydrogel or absorb\$6 superabsorb\$6 or polyacrylic adj acid) and thermoplastic adj (\$2polymer\$2 or resin) same melt\$   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:28 |
| S11<br>8 | 3       | surface adj (crosslink\$3 or cross adj link\$3) same (hydrogel or absorb\$6 superabsorb\$6 or polyacrylic adj acid) same thermoplastic adj (\$2polymer\$2 or resin) same melt\$ | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:28 |
| S11<br>9 | 10      | surface adj (crosslink\$3 or cross adj link\$3) same (hydrogel or absorb\$6 superabsorb\$6 or polyacrylic adj acid) same thermoplastic adj (\$2polymer\$2 or resin)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:40 |
| S12<br>0 | 1286372 | (hydrogel or absorb\$6 superabsorb\$6 or polyacrylic adj acid)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:39 |
| S12<br>1 | 561704  | (hydrogel or absorb\$6 superabsorb\$6 or polyacrylic adj acid).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:47 |
| S12<br>2 | 177759  | (hydrogel or absorb\$6 or superabsorb\$6 or polyacrylic adj acid).ti.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:40 |
| S12<br>3 | 131243  | (hydrogel or absorb\$6 or superabsorb\$6 or polyacrylic adj acid).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:40 |

## EAST Search History

|          |         |  |   |    |    |                  |
|----------|---------|--|---|----|----|------------------|
| S12<br>4 | 672766  | S121 or S122 or S123   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:40 |
| S12<br>5 | 205183  | surface adj (crosslink\$3 or cross adj link\$3) thermoplastic adj (\$2polymer\$2 or resin)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:40 |
| S12<br>6 | 203606  | S124 and surface adj (crosslink\$3 or cross adj link\$3) thermoplastic adj (\$2polymer\$2 or resin)        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:41 |
| S12<br>7 | 25      | S124 and surface near3 (crosslink\$3 or cross adj link\$3) same thermoplastic adj (\$2polymer\$2 or resin) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:43 |
| S12<br>8 | 16      | S127 not S119  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:41 |
| S12<br>9 | 81      | S120 and surface near3 (crosslink\$3 or cross adj link\$3) same thermoplastic adj (\$2polymer\$2 or resin) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:46 |
| S13<br>0 | 56      | S129 not S127  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:45 |
| S13<br>1 | 7378086 | surface coat\$3 with thermoplastic   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:45 |
| S13<br>2 | 3580    | surface near coat\$3 with thermoplastic  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:51 |
| S13<br>3 | 794     | S120 and S132  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:52 |
| S13<br>4 | 234     | S133 and S124  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:46 |
| S13<br>5 | 234     | S134 not S130  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:46 |
| S13<br>6 | 162     | S135 and S121  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:48 |
| S13<br>7 | 149     | S135 and S123  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:47 |
| S13<br>8 | 84      | S136 not S137  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:48 |

## EAST Search History

|          |       |   |   |    |    |                  |
|----------|-------|---|---|----|----|------------------|
| S13<br>9 | 162   | S121 and S132   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:50 |
| S14<br>0 | 0     | S139 not S136   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:51 |
| S14<br>1 | 84    | S139 not S137   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:51 |
| S14<br>2 | 50697 | surface near coat\$3 with (thermoplastic or resin or \$2polymer\$2)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:58 |
| S14<br>3 | 13601 | S120 and S142   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:52 |
| S14<br>4 | 3671  | S124 and S142   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:53 |
| S14<br>5 | 565   | S122 and S142   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:59 |
| S14<br>6 | 249   | S145 and S123   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:53 |
| S14<br>7 | 173   | S145 and (surface with crosslink\$3 or cross adj link\$3)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:54 |
| S14<br>8 | 167   | S147 not (S138 or S137 or S139)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:54 |
| S14<br>9 | 69    | S147 not (S138 or S137 or S139) and (silica or inorganic adj filler or silicon adj dioxide) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:55 |
| S15<br>0 | 3580  | surface near coat\$3 with (thermoplastic)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 16:03 |
| S15<br>1 | 3580  | S150 and S142   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 15:59 |
| S15<br>2 | 565   | S122 and S142   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 16:03 |
| S15<br>3 | 470   | (surface near coat\$3 with (thermoplastic)).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 16:03 |

## EAST Search History

|          |      |   |   |    |    |                  |
|----------|------|---|---|----|----|------------------|
| S15<br>4 | 1835 | (surface near coat\$3 with (thermoplastic)).ab. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 16:03 |
| S15<br>5 | 1835 | (surface near coat\$3 with (thermoplastic)).ab. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 16:03 |
| S15<br>6 | 266  | (surface near coat\$3 with (thermoplastic)).ti. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 16:04 |
| S15<br>7 | 1979 | S154 or S155 or S156                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 16:04 |
| S15<br>8 | 90   | S124 and S157                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/08 16:04 |
| S15<br>9 | 2    | "59179676"                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/02/10 10:16 |